

5. REMEDIAL DESIGN AND REMEDIAL ACTION IMPLEMENTATION PLAN

The purpose of this plan is to outline the general work scope required for development of the RD/RA Work Plan (WP). This plan assumes that the 30% design, as submitted in this document, does not radically change and that no additional design-basis development is required other than those identified in the body of this document.

5.1 Remedial Design Activities

The remedial design activities will include the comment incorporation on the Draft 30% Design and production of the Final 30% Design submittal to the Agencies. Typical key documents that will be developed (which are part of the RD/RA WP submittal) include the ICDF Complex Hazard Categorization, Facility Safety Analysis, Construction Health and Safety Plan, Storm Water Pollution Prevention Plan, O&M Plan, Waste Management Plan, Waste Acceptance Criteria, Stabilization Treatability Study and report, Stabilization Treatment Sampling and Verification Plan, Title II Cost Estimate, and Spill Prevention /Response Plan.

5.2 Remedial Action Activities

The work elements that comprise this action include the construction and maintenance of the following:

- General site preparations such as clearing, grading, perimeter security fencing, lighting, utilities, and roads and grounds
- Several waste container storage areas (open air) for pre-treatment and post-treatment staging, contaminated equipment staging, empty container staging, and facility entrance queuing
- Administrative offices
- Truck weighing scales (2)
- Enclosed PCB storage
- Truck and container decontamination facilities
- An enclosed waste treatment facility and marginal crew facilities.

5.2.1 Subcontracting Strategy

All of the construction work will be competitively bid as a firm fixed price contract. The Bechtel BWXT Idaho, LLC (BBWI) procurement process will be followed and will include issuance of a Request for Proposal (RFP), pre-bid conference, bid evaluation, notice of award, notice to proceed, vendor data submittals, and a pre-construction kickoff meeting. If funding availability becomes an issue, the construction of facility components will be scheduled for phased implementation and may require multiple subcontracts over time and could include the procurement of some government-furnished equipment.

5.2.2 Operating Strategy

Typical operations and maintenance of the facility would fall within the local Site Area Director's control and ownership. However, this facility is considered a Site-wide CERCLA operation and as such may be eligible for independent operations and ownership. Resolution of this issue is expected during the remedial design phase of work and is dependent on DOE authorization.

5.2.3 RD/RA Work Plan Contents

The proposed Table of Contents for the RD/RA WP is outlined below.

ABSTRACT

ACRONYMS

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5. REFERENCES

- Appendix A—Non-Contact Handled Waste Transport Plan
- Appendix B—ICDF Complex Waste Acceptance Criteria
- Appendix C—NESHAPS Modeling Results
- Appendix D— TRU Constituent Contaminated Waste Treatment Plan
- Appendix E— Treated Waste Sampling and Analysis Plan
- Appendix F— Stormwater Pollution Prevention Plan
- Appendix G— Quality Level Designation, and Project Quality Plan Appendix H— Design Drawings

Appendix I— Construction Specifications

Appendix J— Construction Schedule

Appendix K— Detailed Cost Estimate

Appendix L—Data Management Plan (Waste Inventory Tracking System)

Appendix M—Operation and Maintenance Plan

Appendix N—Waste Management Plan

Appendix O—Health and Safety Plan for SSSTF Operations

Appendix P—Stabilization Treatability Study Report

Appendix Q—Facility Safety Analysis (ASA)

Appendix R— Health and Safety Plan for SSSTF Construction

Appendix S— Detailed Operating Procedures

Appendix T— Construction QA Plan

Appendix U— Operations QA Plan

5.2.4 RD/RA Schedule

The amended RD/RA schedule is shown in the attached schedules. There are no changes to any of the Enforceable Milestones or corresponding SOW Working Plan milestones, only added detail work scope related to the activities identified above.



